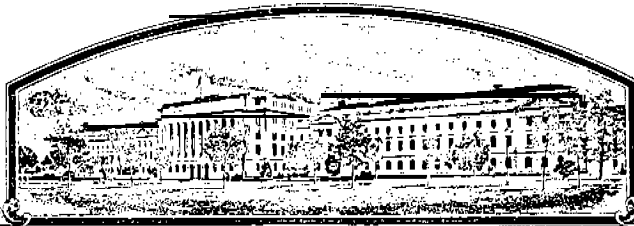


No.

7100048



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Dunn Seed Farms, Inc.

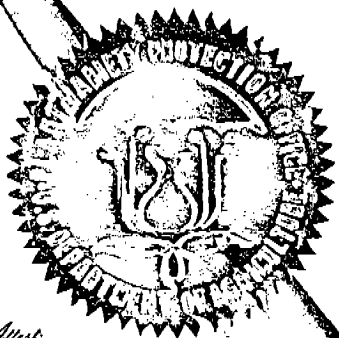
**Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture**

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT. SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT, 1542, AS AMENDED. 7 U.S.C. 2121 ET SEQ.).

COTTON

'Dunn 118'



Attest

L. J. Pollin
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

*In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 28th day of March in
the year of our Lord one thousand nine
hundred and seventy-four*

Earl R. Batz
Secretary of Agriculture

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1. VARIETY NAME OR TEMPORARY DESIGNATION Dunn 118	2. KIND NAME Cotton	FOR OFFICIAL USE ONLY PVPO NUMBER 7100048	
3. GENUS AND SPECIES NAME Gossypium hirsutum	4. FAMILY NAME (Botanical) Malvaceae	FILING DATE 3-26-71	TIME 9:30 A.M.
	5. DATE OF DETERMINATION June, 1968	FEE RECEIVED \$ 750.00	CHARGES —
6. NAME OF APPLICANT(S) Dunn Seed Farms, Inc.	7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) Box 358 Lamesa, Texas 79331		8. TELEPHONE AREA CODE AND NUMBER (806) 872-8164
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. STATE OF INCORPORATION Texas	11. DATE OF INCORPORATION Jan. 22, 1968

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

James R. Dunn
Box 358
Lamesa, Texas 79331

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 12A. Exhibit A, Origin and Breeding History of the Variety (See Section 52, P. L. 91-577)
- ☒ 12B. Exhibit B, Botanical Description of the Variety
- ☒ 12C. Exhibit C, Objective Description of the Variety
- ☒ 12D. Exhibit D, Data Indicative of Novelty
- ☒ 12E. Exhibit E, Statement of the Basis of Applicant's Ownership

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable. (See Section 52, P. L. 91-577).

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a), P. L. 91-577) (If "Yes," answer 14B and 14C below.) ☒ YES ☐ NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? ☒ YES ☐ NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed?
Three

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act (P.L. 91-577).

September 21, 1972.
(DATE)James R. Dunn
(SIGNATURE OF APPLICANT)

(DATE)

1
(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: **Send** an original copy of **the** Application, exhibits and \$50.00 fee to U.S. Dept. of Agriculture, Consumer **and** Marketing Service, Grain Division, **Hyattsville**, Maryland 20782. Retain one copy for your files. All items on the face of the form are **self-explanatory** unless noted below.

ITEM

5 Insert the date the applicant determined that he had a new **variety**.

12a First, give the genealogy, including public and commercial varieties, lines, **or** clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence **on** stability,

12b **First, give any special** characteristics of **the seed** and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the **mature plant** and compare it with a similar commercial **variety** grown under the same conditions, and indicate **the differences**.

12c A supplemental form will be furnished by the PVPO to describe in detail a variety **for each** kind of seed..

12d Provide complete data indicative of novelty. Seed and plant specimens may **be submitted** and seeds submitted may be sterile. Where possible, include photographs of plant **comparisons**, chemical tests, etc.

12e **Indicate whether** applicant is the actual breeder, the employer of the breeder, the **owner** through purchase or inheritance, etc.

EXHIBIT A

A cross between ~~Rax~~, a commercial cotton variety from Arkansas and CA 398, a breeding line obtained from the A&M Agricultural Station at Lubbock, both varieties of Upland cotton, Gossypium hirsutum was made in winter of 1959 in Iguala, Mexico. The F1 and successive generations were planted in Lamesa, Texas. The pedigree method of handling plant material with progeny testing for evaluating lines was followed. During early generation, selection was practiced for:

1. Stormproofness
2. Earliness
3. Short, compact, stripper type plants
4. Fiber qualities
5. Disease resistance

Only early, stormproof plants with superior fiber qualities were selected in F2 to plant the F3 lines.

Beginning with F3, a mixture of strains 1, 2, and 12 of bacterial blight was used to inoculate the plants for selection for blight resistance.

Also, the lines were evaluated on soil infested with Verticillium wilt, Verticillium Albo-atrum.

In F5 a high degree of homozygosity was apparent and selection among lines was practiced. Lines were also increased and strains were evaluated in a strain test for their yield performance. In 1965, line No. 56-C was increased. After 3 years of testing for performance in several areas on the high plains of Texas, 56-C was released as a commercial variety.

1. In 1966 from an increase block of line No. 56, 300 plants were

selected based on:

a. Plant type

A short type plant with plants selected where foliage was lighter than 56-C. Also plants selected were more of an open type than clustry type.

b. Boll type

Plants selected had a semi-stormproof boll where it could be easily adapted as a picker type, with large, fluffy, showy bolls.

c. Earliness

Plants selected were from a week to 10 days earlier in blooming, setting bolls, and open bolls than 56-C. They were tagged during the growing season for earliness.

d. Fiber qualities

The selected plants also had a higher lint % than 56-C, 1/32" longer than 56-C and also had a higher uniformity ratio. Fiber maturity was better in the selections than 56-C. Micronaire values were higher, from .3 to .4 points in all selections; i.e. the fiber was coarser in the new selections.

e. Disease resistance

The selections did not show symptoms of bacterial blight. An artificial inoculum was used to spray the block with. The 300 selections were free of the symptoms of Verticillium wilt where it was present in the field also.

2. The 300 progenies were grown in 1967 in Lamesa in 50 feet rows non replicated, preliminary observations and yield data, evaluations for yield, lint %, fiber qualities, and disease resistance. On the basis of all the previous data only 10 progenies were finally selected. Two of these progenies showed a marked improvement in all fiber and agronomic characteristics over other progenies. One of these was bulked under a number B30-22 or 118.
3. The strain 118 was sent to Mexico for increase in the winter of 1967. It was planted in 1/10 acre. All the plants were selfed and then bulk harvested.
4. The strain was planted in Lamesa along with other commercial varieties and Dunn 56-C in a replicated yield trial
5. Increase of the strain also was carried out in Lamesa, about 5 acres. It was isolated from other commercial varieties to prevent any mixture.
6. An occasional (approximately 2%) Dunn 56-C type plant was rogued from this strain during reproduction and multiplication. These plants could be recognized by their being taller plants with a later maturity.
7. This strain has been severely rogued and is in the F10 generation and is therefore quite uniform. Mr. W. G. Waldrip, who is an inspector with the Texas Department of Agriculture, says this is one of the most uniform varieties he has seen.

Dunn Seed Farms, Inc.

BREEDER OF QUALITY COTTONS
P. O. BOX 358 — 1612 NORTH DALLAS
LAMESA, TEXAS 79331

7148

February 8, 1974

Mr. J. J. Higgins, Examiner
Plant Variety Protection Office, Grain Division
United States Department of Agriculture
6525 Belcrest Road
Hyattsville, Maryland 20782

Dear Mr. Higgins:

Subject: Application No. 7148, Cotton, "Dunn 118" and
Application No. 72098, Cotton, "Dunn 119"

Thank you for your letter of January 29, 1974. In Exhibit A, line 56-C and line 56 are both the same and this line was released as "Dunn 56-C". "Dunn 118" and "Dunn 119" were both selected from "Dunn 56-C". Strains 118 and 119 are "Dunn 118" and "Dunn 119" respectively.

Variants in "Dunn 118" are approximately 1 plant in 80,000 being some 5 to 10 cm. taller and approximately 10 days later maturity.

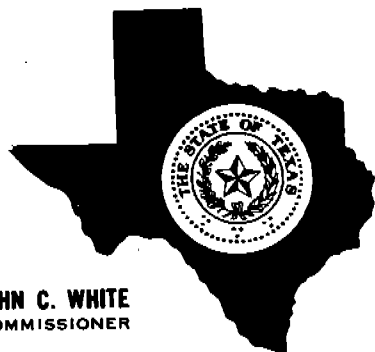
"Dunn 119" differs from "Dunn 56-C" in (1) being approximately .035 longer in 2.5% span length, (2) approximately 2.7 higher uniformity, (3) approximately .6 higher micronaire, (4) approximately 9.2 higher MPSI Strength, (5) approximately 10 days earlier maturity, and (6) slightly larger bolls (1.8 gram lint per boll).

"Dunn 56-C" matures approximately 5 days earlier than "Lankart 57".
"Dunn 118" matures approximately 12 days earlier than "Lankart 57".
"Dunn 119" matures approximately 15 days earlier than "Lankart 57".

Yarn strength (skein break 22^S) for "Dunn 56-C" is 111, and for "Dunn 118" is 104, and for "Dunn 119" is 106.

Exhibit A

7148



TEXAS DEPARTMENT OF AGRICULTURE

P. O. DRAWER BB, AUSTIN, TEXAS 78711 475-4664

JOHN C. WHITE
COMMISSIONER

February 8, 1974.

Mr. J. J. Higgins, Examiner
Plant Variety Protection Office, Grain Division
United States Department of Agriculture
6525 Belcrest Road
Hyattsville, Maryland 20782

Dear Mr. Higgins:

Subject: Application No. 7148, Cotton, "Dunn 118" and
Application No. 72098, Cotton, "Dunn 119"

I have observed and inspected "Dunn 118" and "Dunn 119" for the past five years in my capacity as an inspector for State Certification Agency. I have found these varieties to be pure, uniform, and stable, with a frequency of 1 to 80,000 occurrence of plant that is slightly taller and later in maturity.

Yours very truly,

Warren Waldrip

Warren Waldrip, Agronomist
Texas Dept. of Agriculture

WW/gb

EXHIBIT B

Botanical Description

Roots: Normal tap root with lateral roots arising from the tap root.

Main stem: Short, erect with light hair distribution.

Vegetative branches: One or two side short branches depending on spacing.

Short fruiting branches: Has short internodes (about 1 inch) and a
determinate type of plant.

Foliage: Medium with medium size leaf.

Date of first bloom: About 50 days after emergence. The open flower is
large and showy. The Corolla is creamy white. The
Anters are white.

Bolls: Elongated, large size. Approximately 60% of bolls have five locks
and about 40% with 4 locks.

Seed size: Large seed with seed Index of 11.8 grams. The seed are fuzzy
with even distribution of fuzz on seed.

Stormproofness: Semi-stormproof.

Gin turn out: 38% of the seed cotton.

Disease resistance: A high degree of wilt tolerance.

Fiber Qualities:	Length	Strength	Micronaire
	1 1/16 - 1 3/32	90,000 P.S.I.	4.4

OBJECTIVE DESCRIPTION OF VARIETY
COTTON (GOSSYPIMUM SPP.)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S)

Dunn Seed Farms, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

Box 358 Lamesa, Texas 79331

FOR OFFICIAL USE ONLY

PVPO NUMBER

7148

VARIETY NAME OR TEMPORARY
DESIGNATION

Dunn 118

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g., or) when number is either 99 or less or 9 or less.

1. SPECIES:

 1 = GOSSYPIMUM HIRSUTUM 2 = GOSSYPIMUM BARBADENSE

2. AREA(S) OF ADAPTION (0 = Not Tested, 1 = Not Adapted, 2 = Adapted):

<input type="text" value="0"/> EASTERN	<input type="text" value="0"/> DELTA	<input type="text" value="0"/> CENTRAL	<input type="text" value="2"/> HIGH PLAINS	<input type="text" value="2"/> EL PASO AREA
<input type="text" value="2"/> WESTERN LOW HOT VALLEYS	<input type="text" value="0"/> SAN JOAQUIN	<input type="text"/> OTHER (Specify) _____		

3. MATURITY (50% Open Boll):

<input type="text" value="0"/> <input type="text" value="7"/> NO. OF DAYS EARLIER THAN	<input type="text" value="8"/> }	1 = COKER 310	2 = DELTAPINE 16	3 = STONEVILLE 213
<input type="text" value=""/> <input type="text" value=""/> NO. OF DAYS LATER THAN	<input type="text" value=""/> }	4 = PAYMASTER 111	5 = ACALA 1517-70	6 = ACALA SJ-1
		7 = LANKART 57	8 = OTHER (Specify)	Dunn 56-C

4. PLANT HABIT:

<input type="text" value="3"/> 1 = SPREADING	2 = INTERMEDIATE	3 = COMPACT	<input type="text" value="1"/> 1 = FOLIAGE SPARSE	2 = DENSE
			3 = OTHER (Specify)	_____

5. PLANT HEIGHT:

<input type="text" value="1"/> <input type="text" value="3"/> CM. SHORTER THAN	<input type="text" value="2"/> }	1 = COKER 310	2 = DELTAPINE 16	3 = STONEVILLE 213
<input type="text" value=""/> <input type="text" value=""/> CM. TALLER THAN	<input type="text" value=""/> }	4 = PAYMASTER 111	5 = ACALA 1517-70	6 = ACALA SJ-1
		7 = LANKART 57	8 = OTHER (Specify)	_____

6. MAIN STEM:

<input type="text" value="3"/> 1 = LAX	2 = ASCENDING	3 = ERECT	<input type="text" value="11"/> CM. TO FIRST FRUITING BRANCH	<input type="text" value="0"/> <input type="text" value="6"/> NO. OF NODES TO FIRST FRUITING BRANCH (from cotyledonary node)
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7. LEAF:

 CM. WIDTH OF WIDEST LEAVES AT MATURITY

8. LEAF PUBESCENCE:

<input type="text" value="3"/> 2 = SMOOTH LEAF (DELTAPINE SMOOTH LEAF)	3 = PUBESCENT (STONEVILLE 213)
4 = HEAVY PUBESCENCE (H ₁ OR H ₂)	5 = OTHER (Specify) _____

9. LEAF COLOR:

<input type="text" value="2"/> 1 = VIRESCENT YELLOW	2 = LIGHT GREEN	3 = DARK GREEN (Acala-442)	4 = RED
5 = OTHER (Specify) _____			

10. LEAF TYPE:

<input type="text" value="1"/> 1 = NORMAL	2 = OKRA	3 = SUPER OKRA	4 = OTHER (Specify) _____
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11. FLOWER:

<input type="text" value="2"/> 1 = NECTARILESS	2 = NECTARIED
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<input type="text" value="1"/> Petals: 1 = CREAM	2 = YELLOW	<input type="text" value="1"/> Pollen: 1 = CREAM	2 = YELLOW
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12. FRUITING BRANCH TYPE:

<input type="text" value="2"/> 1 = CLUSTER	2 = SHORT	3 = NORMAL	<input type="text" value="1"/> 1 = DETERMINATE	2 = INDETERMINATE
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13. GOSSYPOL CONDITION:

<input type="text" value="3"/> 1 = GLANDLESS	2 = REDUCED GLANDS	3 = NORMAL GLANDS	<input type="text" value="1"/> 1 = NORMAL BUD GOSSYPOL
4 = OTHER (Specify) _____			2 = HIGH BUD GOSSYPOL

14. SEEDS:

<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="8"/> ± <input type="text" value="0"/> <input type="text" value="5"/> SEED INDEX (Fuzzy seed basis)	<input type="text" value="2"/> Seed Fuzz: 1 = SPARSE (GREGG 35)	2 = MODERATE (DPL-16)
	3 = HEAVY (ACALA SJ-1)	4 = OTHER (Specify) _____

15. BOLLS:

<input type="text" value="2"/> Locules:	1 = 3-4 2 = 4-5	<input type="text" value="3"/> <input type="text" value="8"/> NO. SEEDS PER BOLL	<input type="text" value="3"/> <input type="text" value="8"/> <input type="text" value="0"/> LINT PERCENT	<input type="text" value="3"/> <input type="text" value="3"/> MM. DIAMETER
<input type="text"/> Pitted:	1 = NONE 2 = FINELY 3 = COARSELY	<input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="0"/> GRAMS SEED COTTON PER BOLL	<input type="text" value="2"/> Breadth:	1 = BROADER AT BASE 2 = BROADER AT MIDDLE
<input type="text" value="2"/> Type:	1 = STORMPROOF (WESTBURN 70) 2 = STORM RESISTANT (LANKART 57) 3 = OPEN (DELTAPINE 16)	<input type="text" value="3"/> Shape:	1 = LENGTH < WIDTH 2 = LENGTH = WIDTH 3 = LENGTH > WIDTH	

16. BRACTEOLAS:

<input type="text" value="3"/> Breadth:	1 = LENGTH < WIDTH 2 = LENGTH = WIDTH 3 = LENGTH > WIDTH	<input type="text" value="3"/> Teeth:	1 = 3-4 2 = 5-7 3 = 8-10 4 = OTHER (Specify) _____
<input type="text" value="2"/> Teeth:	1 = FINE 2 = COURSE		

17. YIELD: Compared to—

<input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="7"/> PERCENT LESS THAN	<input type="text" value="2"/> PERCENT MORE THAN	1 = COKER 310 2 = DELTAPINE 16 3 = STONEVILLE 213 4 = PAYMASTER 111 5 = ACALA 1517-70 6 = ACALA SJ-1 7 = LANKART 57
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18. FIBER LENGTH (Complete one or more of the following and give the means):

<input type="text" value="0"/> <input type="text" value="5"/> <input type="text" value="0"/> SPAN LENGTH 50%	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="2"/> SPAN LENGTH 2.5%	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1"/> U.H.M. LENGTH
<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1"/> MEAN LENGTH	<input type="text" value="3"/> <input type="text" value="4"/> STAPLE LENGTH 32nd INCHES	
<input type="text" value="1"/> <input type="text" value="1"/> UNIFORMITY RATIO (MEAN/U.H.M.)	<input type="text" value="4"/> <input type="text" value="5"/> UNIFORMITY INDEX (50% SPAN/2.5% SPAN)	

19. FIBER STRENGTH AND ELONGATION:

<input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="0"/> 1,000 P.S.I.	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="4"/> ELONGATION E ₁	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="4"/> STILOMETER T ₀
<input type="text" value="4"/> <input type="text" value="4"/> <input type="text" value="0"/> MICRONAIRE READING	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="4"/> YARN STRENGTH (Give test method) 22 ^s	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="4"/> STILOMETER T ₁

20. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="2"/> VERTICILLIUM WILT	<input type="text" value="0"/> FUSARIUM WILT	<input type="text" value="0"/> ROOT KNOT NEMATODE	<input type="text" value="2"/> BACTERIAL BLIGHT (Race 1)
<input type="text" value="2"/> BACTERIAL BLIGHT (Race 2)	<input type="text" value="0"/> ASCOCHYTA BLIGHT	<input type="text" value="0"/> PHYMATOTRICHUM ROOT ROT	<input type="text" value="0"/> RHIZOCTONIA
<input type="text" value="0"/> ANTHRACNOSE	<input type="text" value="0"/> RUST	<input type="text"/> OTHER (Specify) _____	

21. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="0"/> BOLL WEEVIL	<input type="text" value="0"/> APHID	<input type="text" value="0"/> FLEAHOPPER	<input type="text" value="0"/> LEAFWORM
<input type="text" value="0"/> FALL ARMYWORM	<input type="text" value="0"/> GRASSHOPPER	<input type="text" value="0"/> LYGUS	<input type="text" value="0"/> PINK BOLLWORM
<input type="text" value="0"/> STINKBUG	<input type="text" value="0"/> THRIP	<input type="text" value="0"/> CUTWORM	<input type="text" value="0"/> SPIDERMITTE
<input type="text"/> OTHER (Specify) _____			

REFERENCES: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (1) Brown, Harry B., and J. O. Ware, 1958, Cotton, McGraw-Hill Book Company, Inc., New York.
- (2) Lewis, C. F., and H. H. Ramey, Jr., 1971, 1970 Regional Cotton Variety Tests, ARS 34-130, United States Department of Agriculture.

COLORS: Nickerson's or any recognized color fan may be used to determine flower color of the described variety.

EXHIBIT D

The plants of this variety are short, determinate with medium foliage and short fruiting branches. The first fruiting branch appears at about the 6th node indicating a considerable degree of earliness. The plants have large size bolls. When open the bolls are fluffy and semi-stormproof. High quality fiber is a characteristic of this variety with length of 1 1/16" to 1-3/32". and strength of about 90,000 P.S.I. No other variety is available with these fiber qualities which has this earliness. The seeds are large in size with a Seed Index of 12 to 13 and even distribution of the fuzz. The variety is tolerant to Verticillium wilt.

Dunn Seed Farms, Inc.

BREEDER OF QUALITY COTTONS
P. O. BOX 358 — 1612 NORTH DALLAS
LAMESA, TEXAS 79331

October 8, 1973

Mr. J. J. Higgins, Examiner
6525 Belcrest Road
Hyattsville, Maryland 20782

Dear Mr. Higgins:

Subject: Application No. 7100048
Cotton, Dunn 118

EXHIBIT D:

Dunn 118 most closely resembles Dunn 56-C but differs in being approximately one week earlier maturity, has a 3,000 PSI higher fiber strength (90,000 vs. 87,000), a .3 higher micronaire (4.3 vs. 4.0), more tolerance to verticillium wilt, and has less pin trash therefore giving approximately one half classes grade higher lint.

EXHIBIT E:

Dunn 118 is owned by Dunn Seed Farms, Inc. which is totally owned by James R. Dunn.

Yours very truly,



James R. Dunn

JRD:vee

EXHIBIT E

DECLARATION:

I declare that this variety is new and different from any existing varieties and is the product of a breeding program known to me, that the pedigree and origin are known to me and that it has not to my knowledge been sold nor marketed under any other name or designation.

Date March 10, 1971Loomis A. Nalvi
Signature of Breeder or GrowerDUNN SEED FARMS, INC.

Firm Name

Box 358 Lamesa, Texas 79331
ADDRESSSubscribed and sworn before me this 10 day of March, 19 71.Martha Franklin, Notary Public in and for Laurens
County, Texas.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1. VARIETY NAME OR TEMPORARY DESIGNATION Dunn 118	2. KIND NAME Cotton	FOR OFFICIAL USE ONLY PVPO NUMBER 7748	
3. GENUS AND SPECIES NAME Gossypium hirsutum	4. FAMILY NAME (Botanical) Malvaceae	FILING DATE	TIME A.M. P.M.
	5. DATE OF DETERMINATION June, 1968	FEE RECEIVED \$	CHARGES
6. NAME OF APPLICANT(S) Dunn Seed Farms, Inc.	7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) Box 358 Lamesa, Texas 79331	8. TELEPHONE AREA CODE AND NUMBER (806) 872-8164	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation	10. STATE OF INCORPORATION Texas	11. DATE OF INCORPORATION Jan. 22, 1968	

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

**James R. Dunn
Box 358
Lamesa, Texas 79331**

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 12A. Exhibit A, Origin and Breeding History of the Variety (See Section 52, P.L. 91-577)
- ☒ 12B. Exhibit B, Botanical Description of the Variety
- ☒ 12C. Exhibit C, Objective Description of the Variety
- ☒ 12D. Exhibit D, Data Indicative of Novelty
- ☒ 12E. Exhibit E, Statement of the Basis of Applicant's Ownership

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable. (See Section 52, P.L. 91-577).

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a), P.L. 91-577) (If "Yes," answer 14B and 14C below.) ☒ YES ☐ NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? ☒ YES ☐ NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed?
Three

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act (P.L. 91-577).

September 21, 1972
(DATE)

James R. Dunn
(SIGNATURE OF APPLICANT)

(DATE)

(SIGNATURE OF APPLICANT)